

## Method and System to Detect Software Faults

### Abstract of the Disclosure

5 The present invention is directed to a system and method for actively auditing a software system to determine the status. The software system includes a plurality of processes executed in an active processor domain. An active message is generated for processing in the active processor domain. Each process receiving the message modifies it by adding an active  
10 time indicator to it; thereby creating a modified active message. The status of the active processor domain is determined in response to the modified active message.

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